

541	AGCCATGTGATCTCTACACAGCTACTGTGAGCCATGCGCTGTGGTGAAGCTGGCCCTGTGGGA	600
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561	GACACAGGCGCTAAACCGTGTGTATGGGCTGACAGAGCTGCACATGTTGGTCAATTTGGGGTTGAC	660
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591	CATGAAGCTCGGTCCAAAGCGCCCTAGGGA	720
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QY 865 GTTATCTCTTTTGGCACTGCTCTTAATCCTGTGGTATATGGAGTTAAGACCAACAG 924
Db |||||
QY 841 GTTATCTCTTTTGGCACTGCTCTTAATCCTGTGGTATATGGAGTTAAGACCAACAG 900
Db |||||
QY 925 ATCCGTAAAGAGTTGTCAGGGTGTTCAGAGTGGGAGGAGTGGGATGGGATCATCAAGGCATCT 984
Db |||||
QY 901 ATCCGTAAAGAGTTGTCAGGGTGTTCAGAGTGGGAGGAGTGGGATGGGATCATCAAGGCATCT 960
Db |||||
QY 985 GAG 987
Db 961 GAG 963

RESULT 9
ABK16633
ID ABK16633 standard; cDNA; 966 BP.
XX
AC ABK16633;
XX
DT 14-MAR-2002 (first entry)
XX
DE Human G-coupled receptor (GRCR) cDNA, Seq ID No 42.
XX
KW Human; cytosolic; neuroprotective; immunosuppressant; nootropic;
KW anti-inflammatory; anti-viral; gastrointestinal; cardiovascular;
KW cerebroprotective; G-coupled receptor; cell proliferative disease;
KW lymphoma; leukemia; breast cancer; cirrhosis; neurological disorder;
KW stroke; Alzheimer's disease; multiple sclerosis; mental retardation;
KW cardiovascular disease; atherosclerosis; angina pectoris; indigestion;
KW congestive heart failure; gastrointestinal disorder; dysphagia; AIDS;
KW gastritis; autoimmune disorder; inflammatory disorder; Crohn's disease;
KW systemic lupus erythematosus; metabolic disorder; diabetes; obesity;
KW viral infection; herpesvirus; parvovirus;
KW acquired immune deficiency syndrome; ss.
XX
OS Homo sapiens.
XX
PN WO200190359-A2.
XX
PD 29-NOV-2001.
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PF 22-MAY-2001; 2001WO-US016833.
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PR 22-MAY-2000; 2000US-0206222P.
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PR 25-MAY-2000; 2000US-0207476P.
XX
PR 02-JUN-2000; 2000US-0208834P.
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PR 02-JUN-2000; 2000US-0208861P.
XX
PR 07-JUN-2000; 2000US-0209868P.
XX
PA (INCY-) INCYTE GENOMICS INC.
XX
PI Patterson C, Tribouley CM, Yao MG, Griffin JA, Thornton M, Lu Y;
PI Kallick DA, Gandhi AR, Au-Young J;
XX
DR WPI; 2002-106199/14.
DR F-PSDB; AAU80511.
XX

PT New G-protein coupled receptors useful for treating or preventing cell
PT proliferative (e.g. leukemia), neurological (e.g. stroke), cardiovascular
PT or autoimmune/inflammatory disorders.
XX
PS Claim 5; Page 146; 148pp; English.
XX

CC The invention relates to a novel human G-coupled receptor (I). (I) and
CC its corresponding polynucleotides are useful for diagnosing, treating or
CC preventing cell proliferative diseases (e.g. lymphoma, leukemia, breast
CC cancer or cirrhosis), neurological disorders (e.g. stroke, Alzheimer's
CC disease, multiple sclerosis or mental retardation), cardiovascular
CC diseases (e.g. atherosclerosis, angina pectoris or congestive heart
CC failure), gastrointestinal disorders (e.g. dysphagia, indigestion or
CC gastritis), autoimmune/inflammatory disorders (e.g. AIDS, Crohn's disease
CC or systemic lupus erythematosus) or metabolic disorders (e.g. diabetes or

CC obesity), or viral infections (e.g. infection by herpesvirus or
CC parvovirus). ABK16615-ABK16637 represent novel human G-coupled receptor
CC coding sequences of the invention
XX
SQ Sequence 966 BP; 182 A; 276 C; 217 G; 291 T; 0 U; 0 Other;
Query Match 96.9%; Score 956.6; DB 6; Length 966;
Best Local Similarity 99.6%; Pred. No. 4.1e-300;
Matches 959; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 25 ATGGAATCTCTTCATCACACATGATGTGACCCCTTCTGTCTTCTCTCTGGGATCCCA 84
Db |||||
QY 1 ATGGAATCTCTTCATCACACATGATGTGACCCCTTCTGTCTTCTCTCTGGGATCCCA 60
Db |||||
QY 85 GGTCTGGAACAATTTTCATTTGGCTCTCCTCCCTGTGTGGCTTAGGCACAGCCACA 144
Db |||||
QY 61 GGTCTGGAACAATTTTCATTTGGCTCTCCTCCCTGTGTGGCTTAGGCACAGCCACA 120
Db |||||
QY 145 ATTGTGGGCAATATAAATCTTCTGTGTGGCTTGTGACCTGAACACAGTCTTGACAGGCT 204
Db |||||
QY 121 ATTGTGGGCAATATAAATCTTCTGTGTGGCTTGTGACCTGAACACAGTCTTGACAGGCT 180
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QY 205 GTGTACCTTTTCTGTGATGCTCTCAACCATGAGCTGGCTGGCTCTGTCTCCACAGTT 264
Db |||||
QY 181 GTGTACCTTTTCTGTGATGCTCTCAACCATGAGCTGGCTGGCTCTGTCTCCACAGTT 240
Db |||||
QY 265 CCGAAGCTACTGGCTATCTTCTGTGTGGAGCGGACATATATCTGCTCTGCTGCTG 324
Db |||||
QY 241 CCGAAGCTACTGGCTATCTTCTGTGTGGAGCGGACATATATCTGCTCTGCTGCTG 300
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QY 325 GCACATATCTTCTTCATTCATCTCTGATGAGTGGCTGCTGCTGCTGCTGCTGCTG 384
Db |||||
QY 301 GCACATATCTTCTTCATTCATCTCTGATGAGTGGCTGCTGCTGCTGCTGCTGCTG 360
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QY 385 GCGTTTGATGCTAGTGGCTCTGCGCACCCATCTGCGCTATGCGCACATCTCTCTCTGAC 444
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QY 361 GCGTTTGATGCTAGTGGCTCTGCGCACCCATCTGCGCTATGCGCACATCTCTCTCTGAC 420
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QY 445 ACATCATTTGCCACATAGGGGTGGAGCTGTAGTGGAGGCTCCCTGTCTCATGCTCCCA 504
Db |||||
QY 421 ACCATCATTTGCCACATAGGGGTGGAGCTGTAGTGGAGGCTCCCTGTCTCATGCTCCCA 480
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QY 505 TGTCCCTTCTTTATTTGGGGTGTGAACTTCTGCCAAGCCATGTGATCTCTACACAGTAC 564
Db |||||
QY 481 TGTCCCTTCTTTATTTGGGGTGTGAACTTCTGCCAAGCCATGTGATCTCTACACAGTAC 540
Db |||||
QY 565 TGTGAGCACATGGCTGTGTGAGTGGCTGTGGAGACACAGGCTTAACGCTGTGTAT 624
Db |||||
QY 541 TGTGAGCACATGGCTGTGTGAGTGGCTGTGGAGACACAGGCTTAACGCTGTGTAT 600
Db |||||
QY 625 GGGCTGACAGCTGCTGTGTGAGTGGCTGTGGAGTGGCTGTGGAGTGGCTGTGGAGTGGCT 684
Db |||||
QY 601 GGGCTGACAGCTGCTGTGTGAGTGGCTGTGGAGTGGCTGTGGAGTGGCTGTGGAGTGGCT 660
Db |||||
QY 685 GCGCTAATTTGCCAAGCTGTCTTCCCTCTCATCCCATGAAGCTGGTCCAGGCGCTA 744
Db |||||
QY 661 GCGCTAATTTGCCAAGCTGTCTTCCCTCTCATCCCATGAAGCTGGTCCAGGCGCTA 720
Db |||||
QY 745 GGGACCTGTGGTGGCTTCCCATCTGTGTGATCTCTCTATACACAGGCTCTTCTCTCC 804
Db |||||
QY 721 GGGACCTGTGGTGGCTTCCCATCTGTGTGATCTCTCTATACACAGGCTCTTCTCTCC 780
Db |||||
QY 805 TTTTATACACAGGCTTGGGCAATCAAGTTCAGTCCATATTTTCAATTTCTTTTGGCCAAAT 864
Db |||||
QY 781 TTTTATACACAGGCTTGGGCAATCAAGTTCAGTCCATATTTTCAATTTCTTTTGGCCAAAT 840
Db |||||
QY 865 GTTATCTCTTTTGGCACCTGCTTATCTGTGTGATATGGAGTTAAGACCAACAG 924
Db |||||
QY 841 GTTATCTCTTTTGGCACCTGCTTATCTGTGTGATATGGAGTTAAGACCAACAG 900
Db |||||
QY 925 ATCCGTAAAGAGTTGTCAGGGTGTTCAGAGTGGGAGGAGTGGGATGGGATCATCAAGGCATCT 984
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QY 901 ATCCGTAAAGAGTTGTCAGGGTGTTCAGAGTGGGAGGAGTGGGATGGGATCATCAAGGCATCT 960
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